

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|                               |   |    |   |                          |                           |
|-------------------------------|---|----|---|--------------------------|---------------------------|
| Substitute for form 1449A/PTO |   |    |   | <i>Complete if Known</i> |                           |
|                               |   |    |   | Application Number       | To be assigned            |
|                               |   |    |   | Filing Date              | July 23, 2003 (herewith)  |
|                               |   |    |   | First Named Inventor     | Dong-Sauk Kim             |
|                               |   |    |   | Art Unit                 | To be assigned 2822       |
|                               |   |    |   | Examiner Name            | To be assigned Thanh Tran |
| Sheet                         | 1 | of | 1 | Attorney Docket Number   | 29926/39495               |

| U. S. PATENT DOCUMENTS |                       |  |                                |  |  |
|------------------------|-----------------------|--|--------------------------------|--|--|
| Examiner Initials*     | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                        |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |  |
| TYT                    |                       | 5,305,252                                | 04-19-1994                     | Saeki  |  |
|                        |                       |  |                                |  |  |
|                        |                       |  |                                |  |  |
|                        |                       |  |                                |  |  |
|                        |                       |  |                                |  |  |
|                        |                       |  |                                |  |  |
|                        |                       |  |                                |  |  |

| FOREIGN PATENT DOCUMENTS |                       |   |                                |  |  |
|--------------------------|-----------------------|---|--------------------------------|--|--|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                          |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |  |
| TYT                      |                       | 04-229807   | 08-19-1992                     | Hayashi Toyoji et al.                              | Abstract only  |
| TYT                      |                       | 04-260040   | 09-16-1992                     | Suzuki Keiichi                                     | Abstract only  |
| TYT                      |                       | 06-077429   | 03-18-1994                     | Kubota Yasushi                                     | Abstract only  |
| TYT                      |                       | 06-112429   | 04-22-1994                     | Chikudai Seiichi et al.                            | Abstract only  |

\*Applicant's unique citation designation number (optional). <sup>1</sup>See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>2</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>4</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>5</sup>Applicant is to place a check mark here if English language Translation is attached.

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS |                       |  |  |  |  |
|---|-----------------------|--|--|--|--|
| Examiner Initials                                 | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  |  |
|   |                       |  |  |  |  |
|   |                       |  |  |  |  |
|   |                       |  |  |  |  |
|   |                       |  |  |  |  |
|   |                       |  |  |  |  |

|                    |            |                 |         |
|--------------------|------------|-----------------|---------|
| Examiner Signature | Thanh Tran | Date Considered | 6/22/05 |
|--------------------|------------|-----------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Applicant's unique citation designation number (optional). <sup>1</sup>Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

|       |   |    |   |                          |                             |
|-------|---|----|---|--------------------------|-----------------------------|
|       |   |    |   | <b>Complete if Known</b> |                             |
|       |   |    |   | Application Number       | 10/625,277-Conf. #8394      |
|       |   |    |   | Filing Date              | July 23, 2003               |
|       |   |    |   | First Named Inventor     | Dong-Sauk Kim               |
|       |   |    |   | Art Unit                 | 2016 2822                   |
|       |   |    |   | Examiner Name            | Not Yet Assigned Thanh Tran |
| Sheet | 1 | of | 1 | Attorney Docket Number   | 29926/39495                 |

### U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    |                       |  |                                |  |   |

### FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or Relevant<br>Figures Appear | T <sup>4</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> -Number-Kind Code <sup>3</sup> (if known) |                                |  |   |                |
| TYT                |                       | KR-1020000006493-A  | 01-25-2000                     | Texas Instruments Incorporated                     | English abstract only   |                |
| TYT                |                       | KR-100268919-B1   | 07-18-2000                     | Hyundai Micro Electronics Co., Ltd.                | English abstract only   |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

### NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|-------------------|-----------------------|---|----------------|
| TYT               |                       | Notice of Preliminary Rejection issued by Korean Intellectual Property Office dated November 29, 2004   |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

|                    |            |                 |         |
|--------------------|------------|-----------------|---------|
| Examiner Signature | Thanh Tran | Date Considered | 6/22/05 |
|--------------------|------------|-----------------|---------|